

# SOLARLOK PV4-S 1500V DC

The SOLARLOK PV4-S connector is an upgrade to the industry leading SOLARLOK PV4 connector to meet a minimum 1500V rating with IP68 protection. The SOLARLOK PV4-S has been tested to assure reliable, and safe connections of solar arrays. The connectors use industry standard crimp tooling that is readily available and used by installers today.



## Applications

- Solar panels
- Inverters
- Micro inverters
- DC optimizers

## Electrical

- UL 15 A and TÜV 25 A: 2.5mm<sup>2</sup> / 14AWG
- UL 20 A and TÜV 35 A: 4.0mm<sup>2</sup> / 12AWG
- UL 30 A and TÜV 40 A: 6.0mm<sup>2</sup> / 10AWG (at 85 °C)
- Rated Voltage: 1000V / 1500V (UL); 1000V / 1500V (TUV)
- Contact Resistance: 0.35mΩ

## Mechanical

- 63mm x 24.5mm (Male)
- 59.5mm x 18.7mm (Female)
- Protection degreed: IP68 (1m/24 hours)

## Product Specifications

- TUV Approved
- UL Approved
- JET Pending

## Materials

- Housing: PPE
- Contact: Tinned copper

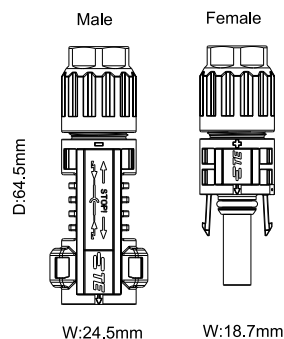
## Key Benefits

- Low contact resistance for less power lost
- Excellent water proof protection
- Exceed 3 times the IEC standard aging tests
- Use 100% virgin raw material (no recycle) for maximum product life

## Product Selection Information

Part Number	Description
<a href="#">2270024-1</a>	Pin connector
<a href="#">2270025-1</a>	Socket connector

## Dimensions



Product Selection Information

Accessories



Plastic tool for disconnect PV4  
PN [1971903-1](#)



Plastic tool for disconnect PV4 & PM style  
PN [2232232-1](#)



Hand Crimping Tool 4.0-6.0 mm<sup>2</sup>  
PN [6-1579014-8](#)



Cable Stripper  
PN [4-1579002-2](#)



Dust Cap for Male housing  
PN [2232228-1](#)



Dust Cap for Female housing  
PN [2232227-1](#)

Female Cable Coupler (kit with Socket contact), Plus polarity

Gen. 4 Seal PNs Cable Outer Diameter 6.0 to 7.8mm	Gen. 2 Seal PNs Cable Outer Diameter 5.5 to 6.0mm	Package Quantity
<a href="#">2270025-1</a>	<a href="#">2270025-2</a>	1000
<a href="#">2-2270025-1</a>	<a href="#">2-2270025-2</a>	100

Male Cable Coupler (kit with Pin contact), Minus polarity

Gen. 4 Seal PNs Cable Outer Diameter 6.0 to 7.8mm	Gen. 2 Seal PNs Cable Outer Diameter 5.5 to 6.0mm	Package Quantity
<a href="#">2270024-1</a>	<a href="#">2270024-2</a>	1000
<a href="#">2-2270024-1</a>	<a href="#">2-2270024-2</a>	100

Female Cable Coupler w/out contact, Plus polarity

Gen. 4 Seal PNs Cable Outer Diameter 6.0 to 7.8mm	Gen. 2 Seal PNs Cable Outer Diameter 5.5 to 6.0mm	Package Quantity
<a href="#">2270023-1</a>	<a href="#">2270023-2</a>	1000

Male Cable Coupler w/out contact, Minus polarity

Gen. 4 Seal PNs Cable Outer Diameter 6.0 to 7.8mm	Gen. 2 Seal PNs Cable Outer Diameter 5.5 to 6.0mm	Package Quantity
<a href="#">2270022-1</a>	<a href="#">2270022-2</a>	1000

Pin Contact, Wire size 4-6 mm<sup>2</sup> (12-10 AWG)

Part Number	Supply Condition	Package Quantity
<a href="#">1971857-2</a>	On Reel	2000
<a href="#">1971857-3</a>	Loose Piece	1000

Socket Contact, Wire size 4-6 mm<sup>2</sup> (12-10 AWG)

Part Number	Supply Condition	Package Quantity
<a href="#">1971858-2</a>	On Reel	2000
<a href="#">1971858-3</a>	Loose Piece	1000

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USA: +1 (800) 522-6752  
Canada: +1 (905) 475-6222  
Mexico: +52 (0) 55-1106-0800  
Latin/S. America: +54 (0) 11-4733-2200  
Germany: +49 (0) 6251-133-1999

UK: +44 (0) 800-267666  
France: +33 (0) 1-3420-8686  
The Netherlands: +31 (0) 73-6246-999  
China: +86 (0) 400-820-6015